

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|-------------------|------------------|---------|---------------------|
| L1 | 8063 | (has\$3) near7 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L2 | 1751 | (first original\$1) near2 hash\$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L3 | 6406 | (has\$3) near4 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L4 | 1309 | (compar\$5 verif\$8 match\$3) near4 (L3 L2) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L5 | 32540 | (sign\$1 signature \$1 signing) near7 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L6 | 8713 | digital\$2 near3 (sign\$1 signature \$1 signing) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L7 | 2182 | (sign\$1 signature \$1 signing) near7 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L8 | 1593 | L6 and L7 and L5 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L9 | 1271 | L8 and L3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L10 | 2444 | (sign\$2 signature \$1 signing) near5 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L11 | 1264 | (second subsequent signed) near2 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L12 | 927 | (compar\$5 verif\$8 match\$3) near4 (L11 L10) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |

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|-----|--------|--|-------------------|----|-----|---------------------|
| L13 | 601 | L4 and L12 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L14 | 736 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 information\$1 data) near4 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L15 | 1378 | (transfer\$3 transmit\$4 send\$3 sent receiv\$3 submit\$3 obtain \$3) near4 (hash \$3) near4 (material \$1 message\$1 content\$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L16 | 290 | L15 and L14 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L17 | 6311 | (hash\$3) near4 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L18 | 1322 | (compar\$5 verif\$8 match\$3) near4 (L17 L2) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L19 | 28354 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L20 | 185918 | (transfer\$3 transmit\$4 send\$3 sent receiv\$3 submit\$3 obtain \$3) near4 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L21 | 64 | L16 and L20 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |

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|-----|-------|--|-------------------|----|-----|---------------------|
| L22 | 41034 | (transfer\$3 transmit\$4 send\$3 sent receiv\$3 submit\$3 obtain \$3) near4 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1)) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L23 | 1279 | L17 and L18 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L24 | 589 | L12 and L23 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L25 | 104 | L16 and L24 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L26 | 17 | L25 and L22 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L27 | 47 | L21 not L26 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L28 | 1746 | (sign\$1 signature \$1 signing) with (material\$1 message\$1 content \$1 information\$1 data) with hash\$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L29 | 8415 | ((726/3) or (726/4) or (726/5) or (726/26) or (726/30) or (713/168) or (380/168) or (380/247) or (380/54) or (380/270) or (380/271) or (711/216) or (705/57) or (705/58) or (705/59) or (705/76) or (705/41) or (382/100) or (382/232)).CCLS. | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L30 | 1068 | L29 and L17 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L31 | 361 | L30 and L28 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |

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|-----|------|---|-------------------|----|-----|---------------------|
| L32 | 147 | L31 and L18 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L33 | 93 | L32 and (mobile\$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L34 | 4193 | (compar\$5 verif\$8 match\$3) near4 L19 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L35 | 1781 | L6 and L3 and L19 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L36 | 1000 | L6 near5 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L37 | 714 | L6 and L3 and L36 and L19 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L38 | 214 | (compar\$5 verif\$8 match\$3) near4 L36 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L39 | 2106 | (signed signature \$1 signing) near5 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L40 | 735 | (compar\$5 verif\$8 match\$3) near4 L10 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L41 | 1292 | L35 and L10 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L42 | 134 | L38 and L34 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L43 | 56 | L42 and L8 and L11 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L44 | 102 | L14 with L18 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L45 | 1775 | L10 and L17 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L46 | 100 | L44 and L45 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L47 | 55 | L46 and (mobile\$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |

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|-----|-----|--|-------------------|----|-----|---------------------|
| L48 | 282 | (compar\$5 verif\$8 match\$3) near4 (message near digest\$1) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L49 | 112 | L48 and L28 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L50 | 57 | L49 and (mobile\$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L51 | 24 | L17 with L20 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L52 | 108 | hash\$3 with L20 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L53 | 676 | L19 near8 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L54 | 16 | L52 and L53 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L55 | 855 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 document\$1 file \$1 information\$1 data) near4 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L56 | 678 | (verif\$9 compar\$5 match\$3) near5 (sign\$1 signature \$1 signing) near5 hash\$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L57 | 315 | L55 and L56 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L58 | 220 | L57 and (hash\$7 near3 (value\$1 code\$1)) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L59 | 80 | L58 and (mobile\$1 laptop\$1 pda cellphone cellular \$1 wireless\$2) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |

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|-----|-------|---|-------------------|----|-----|---------------------|
| L60 | 1798 | L39 and L19 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L61 | 306 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 document\$1 file \$1 information\$1 data) near4 (hash \$7 near3 (value\$1 code\$1)) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L62 | 290 | L60 and L61 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L63 | 295 | (verif\$9 compar\$5 match\$3) near5 ((sign\$1 signature \$1 signing) adj4 hash\$3) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L64 | 107 | L62 and L63 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L65 | 75 | L64 not L59 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L66 | 28354 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L67 | 2106 | (signed signature \$1 signing) near5 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L68 | 1798 | L67 and L66 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L69 | 306 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 document\$1 file \$1 information\$1 data) near4 (hash \$7 near3 (value\$1 code\$1)) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L70 | 290 | L68 and L69 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L71 | 295 | (verif\$9 compar\$5 match\$3) near5 ((sign\$1 signature \$1 signing) adj4 hash\$3) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |

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|-----|------|--|-------------------|----|-----|---------------------|
| L72 | 107 | L70 and L71 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L73 | 6311 | (hash\$3) near4 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L74 | 8063 | (has\$3) near7 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L75 | 1264 | (second subsequent signed) near2 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L76 | 1751 | (first original\$1) near2 hash\$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L77 | 1378 | (transfer\$3 transmit\$4 send\$3 sent receiv\$3 submit\$3 obtain \$3) near4 (hash \$3) near4 (material \$1 message\$1 content\$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L78 | 736 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 information\$1 data) near4 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L79 | 290 | L77 and L78 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L80 | 2444 | (sign\$2 signature \$1 signing) near5 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L81 | 927 | (compar\$5 verif\$8 match\$3) near4 (L75 L80) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L82 | 1322 | (compar\$5 verif\$8 match\$3) near4 (L73 L76) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L83 | 1279 | L73 and L82 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |

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|-----|-------|---|-------------------|----|-----|---------------------|
| L84 | 589 | L81 and L83 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L85 | 104 | L79 and L84 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L86 | 41034 | (transfer\$3 transmit\$4 send\$3 sent receive\$3 submit\$3 obtain \$3) near4 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1)) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L87 | 17 | L85 and L86 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L88 | 1746 | (sign\$1 signature \$1 signing) with (material\$1 message\$1 content \$1 information\$1 data) with hash\$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L89 | 282 | (compar\$5 verif\$8 match\$3) near4 (message near digest\$1) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L90 | 112 | L89 and L88 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L91 | 57 | L90 and (mobile\$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L92 | 6406 | (has\$3) near4 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L93 | 1309 | (compar\$5 verif\$8 match\$3) near4 (L92 L76) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L94 | 4193 | (compar\$5 verif\$8 match\$3) near4 L66 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |

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|------|-------|---|-------------------|----|-----|---------------------|
| L95 | 2182 | (sign\$1 signature \$1 signing) near7 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L96 | 8713 | digital\$2 near3 (sign\$1 signature \$1 signing) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L97 | 32540 | (sign\$1 signature \$1 signing) near7 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L98 | 1593 | L96 and L95 and L97 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L99 | 1000 | L96 near5 (hash \$3) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L100 | 214 | (compar\$5 verif\$8 match\$3) near4 L99 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L101 | 134 | L100 and L94 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L102 | 56 | L101 and L98 and L75 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L103 | 102 | L78 with L82 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L104 | 1781 | L96 and L92 and L66 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L105 | 1292 | L104 and L80 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L106 | 1775 | L80 and L73 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L107 | 100 | L103 and L106 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L108 | 55 | L107 and (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |

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|------|--------|--|-------------------|----|-----|---------------------|
| L109 | 185918 | (transfer\$3 transmit\$4 send\$3 sent receiv\$3 submit\$3 obtain \$3) near4 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L110 | 24 | L73 with L109 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L111 | 108 | hash\$3 with L109 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L112 | 714 | L96 and L92 and L99 and L66 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L113 | 1271 | L98 and L92 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L114 | 735 | (compar\$5 verif\$8 match\$3) near4 L80 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L115 | 676 | L66 near8 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L116 | 16 | L111 and L115 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L117 | 8415 | ((726/3) or (726/4) or (726/5) or (726/26) or (726/30) or (713/168) or (380/168) or (380/247) or (380/54) or (380/270) or (380/271) or (711/216) or (705/57) or (705/58) or (705/59) or (705/76) or (705/41) or (382/100) or (382/232)).CCLS. | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |

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|------|------|---|-------------------|----|-----|---------------------|
| L118 | 1068 | L117 and L73 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L119 | 361 | L118 and L88 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L120 | 147 | L119 and L82 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L121 | 64 | L79 and L109 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L122 | 601 | L93 and L81 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L123 | 47 | L121 not L87 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L124 | 93 | L120 and (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L125 | 855 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 document\$1 file \$1 information\$1 data) near4 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L126 | 678 | (verif\$9 compar\$5 match\$3) near5 (sign\$1 signature \$1 signing) near5 hash\$3 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L127 | 315 | L125 and L126 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L128 | 220 | L127 and (hash\$7 near3 (value\$1 code\$1)) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L129 | 80 | L128 and (mobile \$1 laptop\$1 pda cellphone cellular \$1 wireless\$2) | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L130 | 75 | L72 not L129 | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |

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|------|-------|--|-------------------|----|-----|---------------------|
| L131 | 11103 | ((726/3) or (726/4) or (726/5) or (726/26) or (726/30) or (713/168) or (713/170) or (713/172) or (713/175-176) or (713/180-181) or (713/185) or (713/189) or (713/193) or (380/168) or (380/247) or (380/54) or (380/270) or (380/271) or (711/216) or (705/57) or (705/58) or (705/59) or (705/76) or (705/41) or (382/100) or (382/232)).CCLS. | USPAT; IBM_TDB | OR | OFF | 2008/03/02 22:46 |
| L132 | 31 | ((hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with (sign\$1 signing signed signature\$1) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandise\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |

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|------|-----|---|-------------------|----|----|---------------------|
| L133 | 1 | (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with (id\$1 identifier \$1 identity identities identification\$1) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandis\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L134 | 61 | (compute\$1 computing\$1 computation\$1 generat\$4 calculat \$4 determin\$5) near9 (hash\$3 sha \$1 digest\$1 (one- way near2 function \$1) (one near way near2 function\$1)) near9 ((payment \$1 vending\$1 dvd \$1 cd\$2 soda\$1 merchandis\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L135 | 203 | (receiv\$3 transfer \$4 transmit\$4 transmission\$1 deliver\$5 send\$3 sent) near9 (hash \$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) near9 (mobile\$1 pda laptop smartcard smart-card (smart near2 card\$1) card cellular (cell near2 phone\$1) | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |

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|------|------|--|-------------------|----|----|---------------------|
| | | wireless\$1) | | | | |
| L136 | 3433 | L131 and (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L137 | 165 | (sign\$1 signing signed signature \$1) with (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with (mobile\$1 pda laptop smartcard smart-card (smart near2 card\$1) card cellular (cell near2 phone\$1) wireless\$1) | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L138 | 119 | (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) near9 ((payment \$1 vending\$1 dvd \$1 cd\$2 soda\$1 merchandis\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L139 | 91 | L136 and L137 | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L140 | 33 | L135 and L139 | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L141 | 0 | L138 and L140 | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L142 | 5 | L138 and L137 | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |

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|------|------|---|-------------------|----|----|---------------------|
| L143 | 138 | (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandis\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L144 | 5 | L143 and L137 | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L145 | 3187 | (sign\$1 signing signed signature \$1) with (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L146 | 138 | (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandis\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L147 | 7248 | (sign\$1 signing signed signature \$1) with (mobile \$1 pda laptop smartcard smart- card (smart near2 card\$1) card cellular (cell near2 phone\$1) wireless \$1) | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L148 | 14 | L145 and L146 and L147 | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |

| | | | | | | |
|------|---|---|-------------------|----|----|---------------------|
| L149 | 5 | VATANEN near3 HARRI | USPAT; IBM_TDB | OR | ON | 2008/03/02 22:46 |
| L150 | 3 | (hash\$3 and code \$1 and sign\$6 and (id identi\$9) and mobile and payment\$1).clm. | US-PGPUB | OR | ON | 2008/03/02 22:46 |
| L151 | 1 | (hash\$3 and code \$1 and signature \$1 and (id identi \$9) and mobile and payment\$1). clm. | US-PGPUB | OR | ON | 2008/03/02 22:46 |

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